

SCOTTISH INSECT RECORDS FOR 1995

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The year 1995 was interesting for the period of unusually hot and dry weather in the summer (the lack of rainfall continued in the west of Scotland through the winter and well into 1996). Glasgow experienced more sunshine in June than in the previous 114 years' records for that month. Butterflies provided records of interest with the appearance of the Camberwell Beauty (*Nymphalis antiopa* (L.)) fairly frequently following a period of steady easterly winds during late July and August. Probably arriving in the company of the Camberwell Beauty was the spectacular Clifden Nonpareil moth (*Catocala fraxini* (L.)) which was seen in Scotland from Orkney southwards. This moth can also migrate from southern Europe via France in certain years rather than from Scandinavia. Purple Hairstreaks (*Quercusia quercus* (L.)) built up their populations to high levels and became more evident at a number of sites. Normally these butterflies are difficult to see as they tend to fly around the tops of Oak trees.

As with the previous two of these annual compilations there are some interesting ground beetle (Carabidae) records from surveys that have been carried out by staff and students of the Scottish Agricultural College, Auchencruive, Ayrshire. Their work has been on farmland where the disturbed ground provides favourable conditions for these beetles, many of which are currently regarded as rare. This indicates that farms can provide opportunities for certain insects not normally available in more 'natural' areas such as nature reserves. Preserving the full diversity of flora and fauna requires us to consider the conservation value of the whole environment, not just fenced-off protected areas. This issue was aired briefly in the *New Scientist* (anon, 1996) and will no doubt continue to be discussed at more length in the specialised conservation and scientific literature.

In the following list, specific names and reference numbers of the Lepidoptera are as in Bradley & Fletcher (1979) and as these entries are numbered, family names have been omitted. Other insects are given as in Kloet & Hincks (1964, 1976, 1977, 1978).

ODONATA

CALOPTERYGIDAE

Calopteryx virgo (L.), Beautiful Demoiselle. Grasspoint, Mull (NM745301), V.C.103, 21/6-1/7/95, AAJ.

LIBELLULIDAE

Orthetrum coerulescens (Fabr.), Keeled Skimmer. Croig Point, Mull (NH385549), V.C.103, 21/6-1/7/95, AAJ.

Libellula quadrimaculata L., Four-spotted Libellula. Old Glen Road, Mull (NH665313) and Croggan, Mull (NH718263), V.C.103, 21/6-1/7/95, AAJ.

NEUROPTERA

CHRYSOPIDAE

Chrysopa perla (L.). Upper Laird, Lewis, one male in out-house (NB5536), V.C.110, 8/10/95, ME (det. SM). There

are no previous records for Lewis for any member of this family, nor any for this species north of Glasgow, according to Plant (1994).

HEMIPTERA HETEROPTERA

LYGAEIDAE

Eremecoris abietis (L.). Nairn Bar, Nairn, under crowberry (NH9159), V.C.96, 20/7/95, SM. Due to taxonomic changes this species is now part of the British list (Judd, 1996) but does not appear in Kloet & Hincks (1964).

MIRIDAE

Trigonotylus psammaecolor Reuter. Nairn Bar, Nairn, on marram on fore dunes (NH9159), V.C.96, 20/7/95, SM.

CIMICIDAE

Cimex lectularius L., Bedbug. Perth, in house, (NO0923), V.C.88, 24/10/95, MJS; Cowglen & Invermulloch, Glasgow, V.C.77, five occurrences during 1995, JL. The incidence of bedbugs has fallen dramatically in urban areas in Britain because of extensive rehousing projects in the 1960s. This makes it an unfamiliar insect as shown by only five reports to the Environmental Health Department of Glasgow District Council during the year.

C. pipistrelli Jenyns, Batbug. Kilmacolm, Renfrewshire, V.C.76, late Autumn 1995, DM. This bug is either rare or under-recorded but on this occasion had been found in some numbers in a bedroom of a house after bats had spent the summer roosting in the roof space above. The similarity of this insect to the human Bedbug was such that the householder contacted the Environmental Services of Inverclyde District Council who passed it on to bat experts at Scottish Natural Heritage. Another record of this species which escaped published notice at the time was from a roost of Daubenton's bats near Lochearnhead, Perthshire (NN636243), V.C.88, 5/8/93, JH.

LEPIDOPTERA

61 *Stigmella serella* Stainton. Lomond Hills, Fife, mines in *Potentilla erecta* (NO2306), V.C.85, 28/9/95, KB.

72 *S. myrtillella* Stainton. Lomond Hills, Fife, mines in *Bilberry* (NO2306), V.C.85, 28/9/95, KB.

75 *S. floslactella* (Haworth). Moreland Meadow, Fife, mines in *Hazel* (NT0496), V.C.85, 6/8/95, KB.

89 *S. basiguttella* (Heinemann). Bemersyde Hill, Berwickshire, mines in *Oak* (NT5934), V.C.81, 26/9/95, KB.

154 *Heliozela sericiella* (Haworth). Lindores Loch, Fife, mines in *Oak* (NO2715), V.C.85, 28/9/95; Hermitage o' Braid, Edinburgh, Midlothian, mines in *Oak* (NT2570), V.C.83, 3/12/95, KB.

260 *Leucoptera malifoliella* (Costa), Pear Leaf Blister Moth. Linn of Tummel falls, Perthshire, mines in *apple* (NN9059), V.C.88, 6/10/95, KB.

- 292 *Caloptilia leucapennella* (Stephens). Mailerwood Oak-wood, Perthshire (NN7518), V.C.88, 5/8/95; Campsie Hill, Perthshire (NO1333), V.C.89, 31/8/95, Laggan Wood, Comrie, Perthshire (NN7623), V.C.88, 16/9/95, KB.
- 351 *Ptyllonorycter lautella* (Zeller). Laggan Wood, Comrie, Perthshire, blisters on Oak (NN7623), V.C.88, 16/9/95, KB.
- 356 *P. tristrigella* (Haworth). Caribber Glen, West Lothian, blisters on Elm (NS9675), V.C.84, 23.9.95, KB.
- 359 *P. nicellii* (Stainton). Moreland Meadow, Fife, mines in Hazel (NT0496), V.C.85, 6/8/95, KB.
- 390 *Eutromula diana* (Hübner). Affric Forest, Easternness, (NH2828 & NH3028), V.C.96, 16/7/95, KB.
- 524 *Coleophora lithargyrinella* Zeller. Kincaig Point, Fife, single larval case (NT4699), V.C.85, 12/9/95, KB.
- 580 *C. sylvaticella* Wood. Dura Den, Fife, single larval case (NO4115), V.C.85, 10/6/95, KB.
- 593 *Elachista regificella* Sircom. Bemersyde Hill, Berwickshire, mines in *Luzula* (NT5934), V.C.81, 26/9/95, KB.
- 616 *E. bedellella* (Sircom). Linkim Shore, Berwickshire, mines in *Helictotrichon* (reared), (NT9265), V.C.81, 15/6/95, KB.
- 635 *Schiffmuelleria subaquilea* (Stainton). Lomond Hills, Fife, (NO2205), V.C.85, 10/6/95; Craig Mellon, Angus (NO2676), V.C.90, 9/7/95, KB.
- 636 *S. similella* (Hübner). Glendoll Lodge, Angus (NO2776), V.C.90, 9/7/95, KB.
- 781 *Bryotropha mundella* (Douglas). Aberlady, East Lothian (NT4682), V.C.82, 3/6/95, KB.
- 840 *Reuttia subocellea* (Stephens). Linkim Shore, Berwickshire, larval cases on *Thymus* (reared), (NT9265), V.C.81, 22/8/95, KB.
- 1014 *Isotrias rectifasciana* (Haworth). Linkim Shore, Berwickshire, (NT9265), V.C.81, 15/6/95, KB.
- 1029 *Eana osseana* (Scopoli). Cleish Hills, Fife (NT0996), V.C.85, 6/8/95, KB.
- 1040 *Acleris caledoniana* (Stephens). Dow Loch, Cleish Hills, Fife (NT0996), V.C.85, 6/8/95, KB.
- 1068 *Olethreutes rivulana* (Scopoli). Little Ballo, Angus (NO2734), V.C.90, 17/7/95, KB.
- 1096 *Apotomis sauciana grevillana* (Curtis). Lomond Hills, Fife, larvae on Bilberry (reared) (NO2205), V.C.85, 10/6/95, KB.
- 1124 *Ancylis tineana* (Hübner). Struan Wood, Perthshire, larvae on Birch (reared) (NN7965), V.C.88, 4/9/95, KB.
- 1290 *Chilo phragmitella* (Hübner). Adderstonelee Moss, Roxburghshire (NT5311), V.C.80, 22/6/95, KB.
- 1367 *Pyrausta cingulata* (L.). Williamshope, Selkirkshire, (NT4133), V.C.79, 25/6/95, KB.
- 1405 *Pleuroptya ruralis* (Scopoli), Mother of Pearl. Craigend Hill, Midlothian (NT4446), V.C.83, 3/8/95, KB.
- 1555 *Callophrys rubi* (L.), Green Hairstreak. Croggan, Mull (NH718263), V.C.103, 21/6-1/7/95, AAJ; Blackhill Plantation, Helensburgh, (NS300838), V.C.99, 23/5/95, AD; Kil-
lantringan, Ballantrae, Ayrshire (NX097791), V.C.75, 1/5/95, JPB; near Loch Ordie, Perthshire (NO0254485), V.C.89, 7/5/95, PS.
- 1557 *Quercusia quercus* (L.), Purple Hairstreak. Firkin, Tarbert, Loch Lomond, (NN335011), V.C.99, 5/8/95, CJL; Buchan Burn, Glen Trool, Kirkcudbrightshire (NX417803), V.C.73, 25/7/95, JPB; Auchentorlie Wood, Dumbarton (NS432747), V.C.99, 2/8/95, JM; Carstrammon Wood, Kirkcudbrightshire (NX591596), V.C.73, 26/7/95, NR; Torr, Kirkcudbrightshire (NX814523), V.C.73, 31/7/95, NR; Garple Glen, Balmacellan, Kirkcudbrightshire (NX645794), V.C.73, 4/8/95, NR; Southwick, Kirkcudbrightshire (NX914561), V.C.73, 9/76/95, RM&BM.
- 1574 *Polyommatus icarus* (Rottemburg). Common Blue. Ailsa Craig (NX0299), V.C.75, 30/6/95 and 5/7/95, BZ.
- 1596 *Nymphalis antiopa* (L.), Camberwell Beauty. Tighnabruich, Argyll, apparently feeding on sap run from sawn off stump of oak tree cut down earlier in year (NS9772), V.C.98, 28-29/7/95, JT; Durris, nr Banchory, Kincardineshire (NO798962), V.C.91, 1/8/95, PRM; Cults, Aberdeenshire, 2 or 3 individuals seen over 2 days (NJ8802), V.C.92, 1-2/8/95, MG; Culzean Country Park, Ayrshire, 1 seen on two days feeding on over-ripe peaches in peach house (NS2309), V.C.75, 3-4/8/95, GR.
- 1597 *Inachis io* (L.), Peacock. Barrhead, Renfrewshire, (NS5259), V.C.76, 12/4/95, DS; Sandford, Strathaven, Lanarkshire (NS716434), V.C.77, 7/5/95, DT; Bankend Farm, Lanarkshire (NS6436), V.C.77, 4/8-17/9/95, GS; Vogrie Park, Midlothian, (NT386635), V.C.83, 4/5/95, NMCK; St Andrews, Fife (NO5016), V.C.85, 16/9/95, RW.
- 1600 *Boloria selene* (Denis & Schiffmüller), Small Pearl-bordered Fritillary. Cathkin Braes, Glasgow, (NS6158), V.C.77, 24-26/6/95, CRS.
- 1601 *Boloria euphrasyne* (L.), Pearl-bordered Fritillary. Grasspoint, Mull (NH745301); Old Glen Road, Mull (NH665313); Croig Point, Mull (NH385549), V.C.103, 25/6-1/7/95, AAJ; Torlum Hill, Crieff, Perthshire, (NN832188), V.C.88, 10/6/95, JPB; near Alltdourie Farm, Aberdeenshire (NO158934), V.C.92, 17/6/95, PS.
- 1607 *Argynnis aglaja* (L.), Dark Green Fritillary. Grasspoint, Mull, (NM745301) and Croig Point, Mull (NH385549), V.C. 103, 21/6-1/7/95, AAJ.
- 1610 *Eurodryas aurinia* (Rottemburg), Marsh Fritillary. Birkhill, Clackmannanshire (NS9493), V.C.87, 13/7/95, DS. Although a colony of the Marsh Fritillary was thought to exist at this site and it had become widely reported as such, it has since been critically examined and does not provide suitable habitat for this species. The record may have been based on a misidentification and should be regarded as doubtful.
- 1617 *Erebia epiphron* (Knoch), Mountain Ringlet. Lochaber, an early date brought about by high temperatures of up to 30°C. 25/6/95, Bowles (1995); Glendoll Lodge, Angus (NO2777), V.C.90, 9/7/95, KB.
- 1621 *Hipparchia semele* (L.), The Grayling. New Craighall, Midlothian (NT3271), V.C.83, 25/7/95, KB; Bothwellpark Industrial Estate, Lanarkshire (NS703597), V.C.77, 16/9/95, WL.

- 1881 *Perizoma taeniatum* (Stephens), Barred Carpet. Mailermore oakwood, Perthshire (NN7518), V.C.88, 5/8/95, KB.
- 1972 *Agrius convolvuli* L., Convolvulus Hawk Moth. Cottown, Glencarse, Perthshire, found dead in garden (NO205211), V.C.89, 10/11/95, MJS; Bearsden, Glasgow, V.C.77, 11/9/95, MR.
- 1984 *Macroglossum stellatarum* L., Hummingbird Hawk Moth. Bardowie, Stirlingshire, feeding on Geranium flowers inside conservatory, V.C. 86, 3/7/95, JM.
- 2091 *Agrotis ipsilon* (Hufnagel), Dark Swordgrass. Loch Rannoch, seen in some numbers while snow still on hilltops nearby, 8/4/95, AS.
- 2214 *Cucullia chamomillae* (Denis & Schiffermüller), Chamomile Shark. Bush House, Midlothian (NT2462), V.C.83, 19/5/95, KB.
- 2320 *Hyppa rectilinea* (Esper), The Saxon. Acharn, Glen Doll, Angus, in light trap (NO1322), V.C.90, 10-11/7/95, KB.
- 2451 *Catocala fraxini* (L.), Clifden Nonpareil. Orkney, V.C.111, 9/9/95; Shetland, V.C.112, 10/9/95; Old Meldrum, Aberdeenshire, V.C.92, 9/9/95; Ordiquihill, Banffshire, V.C.94, 10/9/95, all records reproduced from Waring (1995); Falkirk, Stirlingshire, V.C.86, 1995 (no specific date available) JN.
- COLEOPTERA
- CARABIDAE
- Carabus nitens* L. Auchtertyre farm, near Crianlarich, pitfall traps in grassland (NN3530), V.C.88, 2/5-7/6/95, 7/6-30/6/95, 30/6-26/7/95, 24/8-5/10/95; (NN3633), 7/6-30/6/95, 26/7-24/8/95; Lochdochart farm, near Crianlarich, in grassland and heather moorland (NN3826), V.C.88, 2/5-7/6/95, 7/6-30/6/95, 30/6-26/7/95, 26/7-24/8/95, 24/8-5/10/95, IR & DM.
- Elaphrus lapponicus* Gyllenhal. Auchtertyre farm, near Crianlarich, pitfalls in grassland (NN3632), V.C.88, 30/6-26/7/95; (NN3733), V.C.88, 2/5-7/6/95, 7/6-30/6/95, 30/6-26/7/95, 26/7-24/8/95, IR & DM.
- E. uliginosus* Fabr. Auchtertyre farm, near Crianlarich, pitfalls in grassland (NN3530), V.C.88, 2/5-7/6/95, 7/6-30/6/95; Lochdochart farm, near Crianlarich, in grassland (NN3825), 2/5-7/6/95, 7/6-30/6/95, 26/7-24/8/95, IR & DM.
- Brosicus cephalotes* (L.). Dalmeny Park, Dalmeny, West Lothian, under log on high strand line (NT1777), V.C.84, 14/10/95, AR.
- Miscodera arctica* (Paykull). Abercairny farm, near Crieff, pitfalls in heather moorland (NN9295), V.C.88, 3/5-30/5/95, 30/5-27/6/95, 27/6-24/7/95, IR & DM.
- Patrobus septentrionis* (Dejean). Auchtertyre farm, near Crianlarich, pitfalls in grassland (NN3733), V.C.88, 30/6-26/7/95, IR & DM.
- Aepus marinus* (Ström). Bo'ness, West Lothian, three examples under buried rock in mud on foreshore (NS9881), V.C.84, 18/11/95, AR.
- Trechus micros* (Herbst). Auchtertyre farm, near Crianlarich, pitfalls in grassland and mature conifer woodland, (NN3528), V.C.88, 2/5-7/6/95, 7/6-30/6/95, 30/6-26/7/95, 26/7-24/8/95, 24/8-5/10/95; Carsehead farm, near Crieff, in grassland (NN9422), V.C.88, 27/6-24/7/95, 28/8-9/10/95; Fornought farm, near Crieff, in grassland (NN9424), 3/5-30/5/95, 30/5-27/6/95; Carsehead farm, near Crieff, in arable field (NN9522), 3/5-30/5/95, 24/7-28/8/95, 28/8-9/10/95 Carsehead farm, near Crieff, in set aside (NN9523), 3/5-30/5/95, IR & DM.
- Bembidion pallidipenne* (Illiger). Loch Leven, Kinross, adults active on narrow strip of sandy shore (NO132036), V.C.85, 21/6/95, MS.
- B. laterale* (Samouelle). John Muir Country Park, East Lothian, adults active on sand near edge of tidal burn (NT641789), V.C.82, 22/6/95, MS.
- B. minimum* (Fabr.). John Muir Country park, East Lothian, under stones on fairly dry saltings mud and under high tide strand (NT633798), V.C.82, 12/4/95, MS.
- B. obtusum* Serville. Fornought farm, near Crieff, pitfalls in grassland (NN9422), 3/5-30/5/95, 30/5-27/6/95, 27/6-24/7/95, 24/7-28/8/95, 28/8-9/10/95; Newbigging farm, near Crieff, in grassland (NN9423), 3/5-30/5/95, 30/5-27/6/95, 24/7-28/8/95; in grassland at Carsehead farm, near Crieff (NN9424), 30/5-27/6/95; Carsehead farm, near Crieff, in arable field (NN9522), 30/5-27/6/95, 24/7-28/8/95; Carsehead farm, near Crieff, in set aside (NN9523), 3/5-30/5/95, all in V.C.88, IR & DM.
- Stomis pumicatus* (Panzer). Abercairny farm, near Crieff, pitfalls in heather moorland and gorse at edge of heather moorland (NN9225), 30/5-27/6/95, 24/7-28/8/95 Fornought farm, near Crieff, in gorse within grazing pasture (NN9324), 24/7-28/8/95; Carsehead farm, near Crieff, in grassland (NN9422), 3/5-30/5/95, 27/6-24/7/95, 24/7-28/8/95; Newbigging farm, near Crieff, in grassland (NN9423), 27/6-24/7/95; Fornought farm, near Crieff, in arable field (NN9424), 3/5-30/5/95; Carsehead farm, near Crieff, in arable field (NN9522), 3/5-30/5/95, 30/5-27/6/95, 27/6-24/7/95, 24/7-28/8/95; Carsehead farm, near Crieff, in arable field and set aside (NN9523), 30/5-27/6/95, 27/6-24/7/95, 24/7-28/8/95, 28/8-9/10/95; Newbigging farm, near Crieff, in arable field (NN9524), 24/7-28/8/95, all in V.C.88, IR & DM.
- Pterostichus aethiops* (Panzer). Auchtertyre farm, near Crianlarich, pitfalls in grassland (NN3733), V.C.88, 7/6-30/6/95, 30/6-26/7/95, 26/7-24/8/95, IR & DM.
- P. cristatus* (Dufour). Carsehead farm, near Crieff, pitfalls in set aside (NN9523), V.C.88, 30/5-27/6/95, IR & DM.
- Synuchus nivalis* (Panzer). Avon Gorge SSSI, near Bo'ness, West Lothian, pitfall trap in deciduous woodland (NS9778), V.C.84, 8/10/95, AR.
- Agonum viduum* (Panzer). Lochdochart farm, near Crianlarich, pitfalls in grazed upland pasture (NN3825), V.C.88, 2/5-7/6/95, 7/6-30/6/95, IR & DM.
- A. moestum* (Duftschmid). Lochdochart farm, near Crianlarich, pitfalls in grazed upland pasture (NN3825), V.C.88, 2/5-7/6/95, 7/6-30/6/95, IR & DM. This is the first Scottish record of a species previously confused with *A. viduum* (Ribera *et al.*, 1996).

Amara eurynota (Panzer). Carsehead farm, near Crieff, pitfalls in arable field (NN9522), V.C.88, 24/7-28/8/95; Carsehead farm, near Crieff, in arable field and set aside (NN9523), 30/5-27/6/95, 27/6-24/7/95, 24/7-28/8/95, IR & DM.

Harpalus quadripunctatus Dejean. Carsehead farm, near Crieff, pitfalls in set aside (NN9523), V.C.88, 24/7-28/8/95, IR & DM.

Dicheirotrichus gustavi Crotch. Bo'ness, West Lothian, several adults at fringe of saltmarsh under rocks (NS9881), V.C.84, 29/7/95, AR.

Cymindis vaporariorum (L.). Abercairny farm, near Crieff, pitfalls in heather moorland (NN9225), V.C.88, 3/5-30/5/95, 30/5-27/6/95, 27/6-24/7/95, IR & DM.

DYTISCIDAE

Hydroporus longicornis Sharp. Carsphairn Forest, Kirkcudbrightshire (NS5501), V.C.73, 12/3/95, GNF; Muir Toll, Campsie Fells, Stirlingshire (NS6382), V.C.86, 6/5/95, GNF; Achnaoich, Skye (NG5908), 27/5/95, GNF; Glen Arnisdale, West Inverness, (NG8409), V.C.97, 14/5/95, RHD. These records are all from valley mires.

Deronectes latus (Stephens). Glenmore River, Glenelg, West Inverness (NG818197), V.C.97, 28/5/95, GNF.

Agabus biguttatus (Olivier). Buskin Burn, Coldingham, Berwickshire (NT917663), V.C.81, 25/7/95, GNF & MS.

SPHAERITIDAE

Sphaerites glabratus (Fabr.). Coilsholm Woods, Ayrshire, pitfall traps (NS459258), V.C.75, 20/5/95, FP.

STAPHYLINIDAE

Olophrum piceum (Gyllenhal). Bo'mains Meadow SSSI, near Bo'ness, West Lothian, under rock in wet flush area (NS9879), V.C.84, 16/3/95, AR.

Deleaster dichrous (Gravenhorst). Avon Gorge SSSI, near Bo'ness, West Lothian, two adults under stone on shingle bank (NS9778), V.C.84, 6/5/95, AR.

Bledius subniger Schneider. John Muir Country Park, East Lothian, in sand near tidal burn (NT641789), V.C.82, 22/6/95, MS.

Ontholestes tessellatus (Fourcroy). West Philipstoun farm, Old Philipstoun, West Lothian, in dry horse manure (NT0577), V.C.84, 24/6/95, AR.

Aleochara ruficornis Gravenhorst. Coilsholm Woods, Ayrshire, pitfall traps (NS462257), V.C.75, 20/5/95, FP.

HETEROCERIDAE

Heterocerus flexuosus Stephens. John Muir Country Park, East Lothian, in sand near tidal burn (NT641789), V.C.82, 22/6/95, MS.

H. maritimus Guérin-Méneville. John Muir Country Park, East Lothian, in sand near tidal burn (NT641789), V.C.82, 22/6/95, MS.

NITIDULIDAE

Glischrochilus quadripunctatus (L.). Hannaston Wood, Dumfriesshire, under birch bark, (NX5982), V.C.72, 23/4/95, EGH.

EROTYLIDAE

Triplax aenea (Schaller). Perrays Wood, Hawthornhill, Dumbarton, in fungi on tree (NS374766), V.C.99, 6/5/95, AMcGS.

COCCINELLIDAE

Aphidecta obliterated (L.). Vale of Leven Industrial Estate, Dunbartonshire, large numbers on Larch, Sitka Spruce and Douglas Fir (NS396780), 22/8/95; Greenbank Garden (National Trust), Glasgow, on Oak but Larch adjacent (NS5657), 5/9/95, SE.

CHRYSOMELIDAE

Cryptocephalus bipunctatus (L.). Kinnoul Hill, Perthshire (NO1322), V.C.89, 4/6/95, KB.

Cassida flaveola Thunberg. Rousland farm, Bo'ness, West Lothian, swept from marshy area in woodland clearing (NS9779), V.C.84, 9/7/95, AR.

CURCULIONIDAE

Otiorynchus desertus Rosenhauer. Galasheils, Selkirkshire, in garden (NT133359), V.C.80, 20/9/95, AB.

HYMENOPTERA

TENTHREDINIDIDAE

Nematus pavidus Lepeletier. Lesser willow sawfly. Bonnahill, nr Strathaven, Lanarkshire, V.C.77, 13/8/95, EGH. An ornamental *Salix* cultivar was completely defoliated by the larvae.

CYNIPIDAE

Diplolepis rosae (L.). Bedeguar gall. Lochloy, Nairn, on *Rosa* sp. along roadside (NH9258), V.C.96, 20/7/95, SM.

FORMICIDAE

Lasius flavus (Fabr.). Formakin Estate, Renfrewshire, mounds common in one area of rough pasture, V.C.76, 10/7/95, EGH.

APIDAE

Bombus monticola Smith. Meall nan Tarmachan and Ben Lawers, Perthshire, very common over lower slopes, V.C.88, 16/6/95, EGH.

DIPTERA

TIPULIDAE

Tipula cheethami Edwards. Meall nan Tarmachan, Perthshire, V.C.88, 16/6/95, EGH.

Limonia (Dicranomyia) caledonica (Edwards). Meall nan Tarmachan, Perthshire, V.C.88, 16/6/95, EGH.

Dactylolabis sexmaculata (Macquart). Meall nan Tarmachan, Perthshire, V.C.88, 16/6/95, EGH.

SCIARIDAE

Plastosciara pernitida Edwards. Glasgow, in office building in city centre, V.C.77, 22/3/95, EGH. Large numbers had to be dealt with by the Environmental Services Department of Glasgow District Council.

SCATOPSIDAE

Apiloscatopse subgracilis Haenni & Greve. Crathie Burn, nr Balmoral, Aberdeenshire, at altitude of 545m, in heath with *Carex*, *Juncus*, *Sphagnum* and *Vaccinium* (NO2397), 14/8/87, MSCH. Although collected a few years ago this species has only just been described as new to science (Haenni & Greve, 1995).

TABANIDAE

Tabanus sudeticus Zeller. Inverness, Aultnaskiach Avenue, dead on pavement (NH6644), V.C. 96, 14/7/95, SM; Inverness, Chapel Yard, dead on pavement, (NH6645), V.C.96, 26/7/95, SM.

SYRPHIDAE

Cheilisia chrysocoma (Meigen). Meall nan Tarmachan, Perthshire, one adult found below crags in enclosure, V.C.88, 16/6/95, EGH. This is a rare species which is known as far north as Perthshire but is normally associated with broad-leaved woodland.

C. illustrata (Harris). Meall nan Tarmachan, Perthshire, one adult below crags in enclosure, V.C.88, 16/6/95, SH. Subsequently, in October 1995, a return visit to the same site revealed larvae to be feeding on rootstocks of Common Hogweed (*Heracleum sphondylium*), GER.

C. sahlbergi Becker. Ben Lawers, Perthshire (NN6341), V.C.88, 16/6/95, EGH. Adults of this montane hoverfly were fairly common over flushes.

CALLIPHORIDAE

Calliphora uralensis Villeneuve. Saltcoats, Ayrshire, V.C.75, 7/8/95, EGH. Larvae were received as an enquiry from Environmental Health Department, Cunninghame District Council, which had been found infesting cooked meat in a retail outlet. This species is distinctly northwestern in its distribution (see map in Davies & Laurence, 1992) and the only other known locality in southwest Scotland is Ailsa Craig.

MUSCIDAE

Phaonia exoleta (Meigen). Taymouth Castle, near Kenmore, Perthshire, two larvae in beech rot hole (NN7946), V.C.88, 17/6/95, EGH. The larvae of this fly are fully aquatic and are predatory on those of mosquitos, in this case the typical tree breeding species *Anopheles plumbeus* Stephens.

HIPPOBOSCIDAE

Melophagus ovinus (L.) Sheep ked. Hirta, St Kilda, V.C.110, 9/95, JP. Because the sheep on St Kilda are not dipped the sheep keds and other parasites are at natural population levels on their hosts. On the mainland they are of uncertain status as a result of treatment.

CONTRIBUTORS

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